



FEE TRANSMITTAL for FY 2003

Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT **(\$)** **0.00**

Complete if Known

| | |
|----------------------|--------------------|
| Application Number | 08/917,710 |
| Filing Date | August 26, 1997 |
| First Named Inventor | Daniel P. Bednarik |
| Examiner Name | S. Wegert |
| Group Art Unit | 1647 |
| Attorney Docket No. | PF307 |

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METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order Other None
 Deposit Account

Deposit Account Number **08-3425**

Deposit Account Name **Human Genome Sciences, Inc.**

The Commissioner is hereby authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, except for the filing fee

to the above-identified deposit account.

FEE CALCULATION (continued)

JAN 21 2003

TECH CENTER 1600/2900

3. ADDITIONAL FEES

| Large Entity | Small Entity | Fee Description | Fee Paid |
|---------------------------|--------------|-----------------|----------|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) |
| 1051 | 130 | 2051 | 65 |
| 1052 | 50 | 2052 | 25 |
| 1053 | 130 | 1053 | 130 |
| 1812 | 2,520 | 1812 | 2,520 |
| 1804 | 920* | 1804 | 920* |
| 1805 | 1,840* | 1805 | 1,840* |
| 1251 | 110 | 2251 | 55 |
| 1252 | 410 | 2252 | 205 |
| 1253 | 930 | 2253 | 465 |
| 1254 | 1,450 | 2254 | 725 |
| 1255 | 1,970 | 2255 | 985 |
| 1401 | 320 | 2401 | 160 |
| 1402 | 320 | 2402 | 160 |
| 1403 | 280 | 2403 | 140 |
| 1451 | 1,510 | 1451 | 1,510 |
| 1452 | 110 | 2452 | 55 |
| 1453 | 1,300 | 2453 | 650 |
| 1501 | 1,300 | 2501 | 650 |
| 1502 | 470 | 2502 | 235 |
| 1503 | 630 | 2503 | 315 |
| 1460 | 130 | 1460 | 130 |
| 1807 | 50 | 1807 | 50 |
| 1806 | 180 | 1806 | 180 |
| 8021 | 40 | 8021 | 40 |
| 1809 | 750 | 2809 | 375 |
| 1810 | 750 | 2810 | 375 |
| 1801 | 750 | 2801 | 375 |
| 1802 | 900 | 1802 | 900 |
| Other fee (specify) _____ | | | |

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Small Entity

| Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description | Fee Paid |
|---------------------|----------|-------------------------|----------|------------------------|----------|
| 1001 | 750 | 2001 | 375 | Utility filing fee | |
| 1002 | 330 | 2002 | 165 | Design filing fee | |
| 1003 | 520 | 2003 | 260 | Plant filing fee | |
| 1004 | 750 | 2004 | 375 | Reissue filing fee | |
| 1005 | 160 | 2005 | 80 | Provisional filing fee | |
| SUBTOTAL (1) | | (\$) 0.00 | | | |

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| Extra Claims | Fee from Claims below | Fee Paid |
|--------------------|-----------------------|----------|
| Total Claims | -20** = | |
| Independent Claims | -3** = | |
| Multiple Dependent | | |

Large Entity Small Entity

| Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description |
|---------------------|----------|-------------------------|----------|--|
| 1202 | 18 | 2202 | 9 | Claims in excess of 20 |
| 1201 | 84 | 2201 | 42 | Independent claims in excess of 3 |
| 1203 | 280 | 2203 | 140 | Multiple dependent claim, if not paid |
| 1204 | 84 | 2204 | 42 | ** Reissue independent claims over original patent |
| 1205 | 18 | 2205 | 9 | ** Reissue claims in excess of 20 and over original patent |
| SUBTOTAL (2) | | (\$) 0.00 | | |

** or number previously paid, if greater; For Reissues, see above

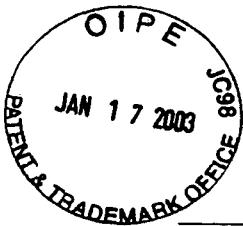
*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) **(\$)** **0.00**

SUBMITTED BY

Complete (if applicable)

| | | | | | |
|-------------------|---------------------|-----------------------------------|--------|-----------|------------------|
| Name (Print/Type) | Lin J. Hymel | Registration No. (Attorney/Agent) | 45,414 | Telephone | (301) 251-6015 |
| Signature | <i>Lin J. Hymel</i> | | | Date | January 17, 2003 |



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JF
2/6/03

Docket No.: PF307

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Bednarik, Daniel P.

Application No.: 08/917,710

Group Art Unit: 1647

Filed: August 26, 1997

Examiner: Wegert, Sandra L.

For: Soluble Interleukin-1 Receptor Accessory
Molecule

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REPLY UNDER 37 C.F.R. § 1.111

Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Office Action dated October 17, 2002 (Paper No. 20), and in accordance with 37 C.F.R. § 1.111, Applicants hereby request entry and consideration of the following amendments and remarks. Applicants submit herewith (a) a Return Receipt Postcard, (b) a Fee Transmittal Sheet, and (c) Exhibit A.

REMARKS

Rejection of Claims 20-29, 38, 39, 49-58, and 60-73 Under 35 U.S.C. § 101

Claims 20-29, 38, 39, 49-58, and 60-73 stand rejected as allegedly lacking either a well-established or a specific, substantial, and credible utility. The rejection is respectfully traversed.

The Office Action (Paper No. 20) states at pages 4-5 that four utilities are asserted in the specification for the claimed polynucleotides: (1) to search for drugs which are ligands or antagonists of the encoded polypeptide; (2) to produce antibodies; (3) to produce variant or chimeric polynucleotides or polypeptides; and (4) to search for the physiological activity of the encoded polypeptide or its binding partners. While these allegedly asserted utilities will be addressed further below, Applicants first would like to respectfully point out that at least one additional utility is asserted in the specification, namely the production of